Claim List:

1. (cancelled)

2. (currently amended) The sprayer apparatus of Claim 4 ~~1~~, further comprising a pressurized fluid source in fluid communication with the inlet of said pressure chamber.

3. (original) The sprayer apparatus of Claim 2, wherein said pressurized fluid source is connected to the inlet of said pressure chamber by a quick-disconnect coupling.

4. (currently amended) ~~The sprayer apparatus of Claim 1, further~~ A sprayer apparatus, comprising:

a pressure chamber having an inlet and an outlet;

a backflow valve having two one-way valves separated by a weep chamber, said backflow valve being positioned in fluid communication with the inlet of said pressure chamber such that the two one-way valves allow fluid flow from said inlet into said pressure chamber and prevent fluid flow from said pressure chamber in a reverse direction through the inlet;

a sealed vessel in fluid communication with said pressure chamber; and

a shutoff valve in fluid communication with the outlet of said pressure chamber, the shutoff valve normally preventing fluid flow from said pressure chamber through the outlet and being operable to allow fluid flow from said pressure chamber through the outlet.

5. (currently amended) The sprayer apparatus of Claim 4 ~~1~~, wherein the weep chamber of said backflow valve includes a weep plunger that reduces backflow pressure within the weep chamber.

6. (original) The sprayer apparatus of Claim 5, wherein said weep plunger defines a plurality of apertures and said weep chamber further comprises a biasing spring and a plunger guide having a head, wherein said spring biases said weep plunger against

the head of said plunger guide and the head of said plunger guide partially covers the apertures defined by the weep plunger.

7. (original) The sprayer apparatus of Claim 5, wherein the weep chamber of said backflow valve further includes a weep outlet having a seal tube configured to be ejected from the weep outlet when under a pre-determined backflow pressure in the weep chamber.

8. (currently amended) ~~The sprayer apparatus of Claim 1,~~ A sprayer apparatus, comprising:

a pressure chamber having an inlet and an outlet;

a backflow valve having two one-way valves separated by a weep chamber, said backflow valve being positioned in fluid communication with the inlet of said pressure chamber such that the two one-way valves allow fluid flow from said inlet into said pressure chamber and prevent fluid flow from said pressure chamber in a reverse direction through the inlet; and

a sealed vessel in fluid communication with said pressure chamber via said outlet, wherein the weep chamber of said backflow valve includes a weep diaphragm that reduces backflow pressure within the weep chamber.

9. (original) The sprayer apparatus of Claim 8, wherein the weep chamber of said backflow valve further includes a weep outlet having a seal tube configured to be ejected from the weep outlet when under a pre-determined backflow pressure in the weep chamber.

10. (original) The sprayer apparatus of Claim 9, wherein the weep diaphragm defines an aperture and said weep chamber further comprises a shoulder such that the shoulder restricts the amount that the weep diaphragm may flex when under backflow pressure.

11. (currently amended) The sprayer apparatus of Claim 4 ~~1~~, wherein said pressure chamber is configured as a sprayer wand.

12. (currently amended) The sprayer apparatus of Claim 4 ~~1~~, further comprising:

a sprayer handle having an outlet in communication with said pressure chamber;

a water source ~~tank~~ in fluid communication with said sprayer handle via said inlet of said pressure chamber;

said sealed vessel being ~~a liquid additive tank~~ in fluid communication with said sprayer handle; and

said backflow valve being positioned between said water source ~~tank~~ and said pressure chamber ~~sprayer handle~~ such that said backflow valve prevents fluid flow from said sprayer handle to said water tank.

13. (cancelled)

14. (currently amended) The sprayer apparatus of Claim 12 ~~13~~, wherein the weep chamber includes a weep plunger that reduces backflow pressure within the weep chamber.

15. (previously presented) The sprayer apparatus of Claim 14, wherein said weep plunger defines a plurality of apertures and said weep chamber further comprises a biasing spring and a plunger guide having a head, wherein said spring biases and weep plunger against the head of said plunger guide and the head of said plunger guide partially covers the apertures defined by the weep plunger.

16. (currently amended) The sprayer apparatus of Claim 12 ~~13~~, wherein the weep chamber includes a weep diaphragm that reduces backflow pressure within the weep chamber.

17. (previously presented) The sprayer apparatus of Claim 16, wherein the weep chamber further includes a weep outlet having a seal tube configured to be ejected from the weep outlet when under a pre-determined backflow pressure in the weep chamber.

18. (previously presented) The sprayer apparatus of Claim 17, wherein the weep diaphragm defines an aperture and said weep chamber further comprises a shoulder such that the shoulder restricts the amount that the weep diaphragm may flex when under backflow pressure.

19. (previously presented) The sprayer apparatus of Claim 12, wherein said water tank is pressurized and is connected to said sprayer handle by a quick-disconnect coupling.

20. (currently amended) The sprayer apparatus according to Claim 4 ~~1~~ connectable to an externally pressurized water source, and further comprising:

~~a mixing chamber;~~

~~a tank in fluid communication with said mixing chamber, said tank containing a liquid additive;~~

means for supplying a pressurized water stream to provided said pressurized water source; and

said backflow valve configured to prevent the liquid additive from flowing into said means for supplying a pressurized water source.

21. (cancelled)

22. (currently amended) The sprayer apparatus of Claim 20 ~~21~~, wherein the weep chamber includes a weep plunger that reduces backflow pressure within the weep chamber.

23. (currently amended) ~~The sprayer apparatus of Claim 21,~~ A sprayer apparatus, comprising:

a pressure chamber having an inlet and an outlet;

a backflow valve having two one-way valves separated by a weep chamber, said backflow valve being positioned in fluid communication with the inlet of said pressure chamber such that the two one-way valves allow fluid flow from said inlet into said pressure chamber and prevent fluid flow from said pressure chamber in a reverse direction through the inlet; and

a sealed vessel containing a spray fluid in fluid communication with said pressure chamber via said outlet, and wherein said sprayer apparatus is connectable to an externally pressurized water source, and further comprising:

means for supplying a pressurized water stream to provide said pressurized water source; and

said backflow valve being configured to prevent the spray fluid from flowing into said means for supplying said pressurized water stream, and wherein said backflow valve comprises said two one-way valves separated by said weep chamber, and wherein the weep chamber comprises ~~includes~~ a weep diaphragm that reduces backflow pressure within the weep chamber.

24. (previously presented) The sprayer apparatus of Claim 23, wherein the weep chamber further includes a weep outlet having a plastic seal tube configured to be ejected from the weep outlet when under a pre-determined backflow pressure in the weep chamber.